



US009864431B2

(12) **United States Patent**
Keskin et al.

(10) **Patent No.:** **US 9,864,431 B2**
(45) **Date of Patent:** **Jan. 9, 2018**

(54) **CHANGING AN APPLICATION STATE
USING NEUROLOGICAL DATA**

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

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(21) Appl. No.: **15/152,401**

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(22) Filed: **May 11, 2016**

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(65) **Prior Publication Data**

US 2017/0329404 A1 Nov. 16, 2017

(51) **Int. Cl.**

G06F 3/041 (2006.01)

G06F 3/01 (2006.01)

G06T 19/00 (2011.01)

(52) **U.S. Cl.**

CPC **G06F 3/015** (2013.01); **G06F 3/017**
(2013.01); **G06T 19/006** (2013.01)

(58) **Field of Classification Search**

USPC 600/300, 566
See application file for complete search history.

(57) **ABSTRACT**

Computer systems, methods, and storage media for changing the state of an application by detecting neurological user intent data associated with a particular operation of a particular application state, and changing the application state so as to enable execution of the particular operation as intended by the user. The application state is automatically changed to align with the intended operation, as determined by received neurological user intent data, so that the intended operation is performed. Some embodiments relate to a computer system creating or updating a state machine, through a training process, to change the state of an application according to detected neurological data.

16 Claims, 7 Drawing Sheets

